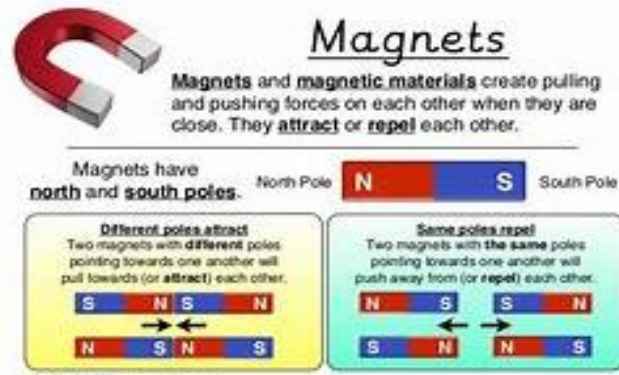
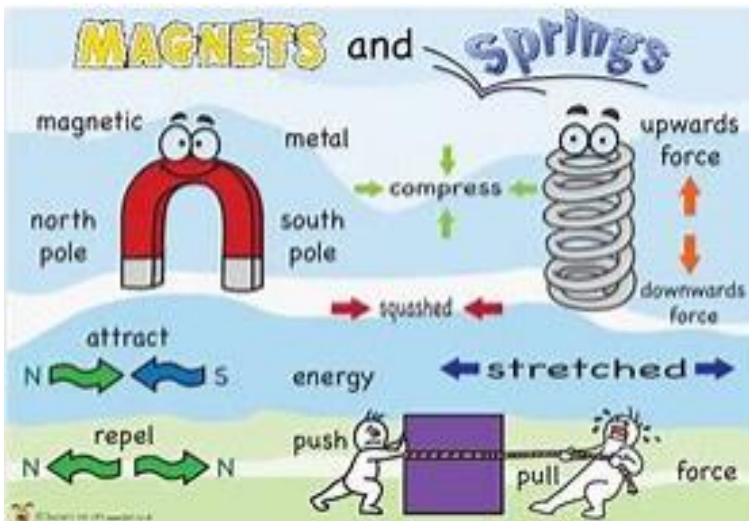


# Forces and Magnets Knowledge Mat

## Subject Specific Vocabulary

<b>Magnetic pole</b>	Either of two areas on the earth's surface, one near the geographic north pole and one near the geographic south pole, where the Earth's magnetic fields are strongest.
<b>organic matter</b>	Organic matter is matter that has come from a recently living organism. It is capable of decaying.
<b>attract and repel</b>	A magnetic field is the area around the magnet where it can attract or repel things. When you bring two magnets together they will either attract or repel.



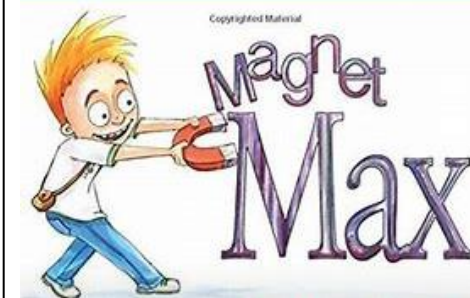
## What you should be able to do by the end of the Forces and Magnets topic

- Compare how different things move on different surfaces
- Notice that some forces need contact between two objects, but magnetic forces can act at a distance
- Observe how magnets attract or repel each other and attract some materials and not others
- Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
- Describe magnets as having two poles
- Predict two magnets will attract or repel each other, depending on which poles are facing

## Sticky Knowledge about Forces and Magnets

- ❑ The Earth is a very big magnet. Its North and South poles are highly magnetic.
- ❑ A magnet always has north and south poles. Cutting a magnet in half makes two magnets, each with two poles.
- ❑ Magnets only attract certain types of metals, other materials such as glass, plastic and wood aren't attracted.

## Interesting Book



By Monica Lozano Hughes